L Number	Hits	Search Text	DB "	Time stamp
-	2	("4576322").PN.	USPAT; US-PGPUB;	2004/01/06 16:44
-	12557	peltier	EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/02/12
 			US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	15:26
-	5	peltier-junction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/12
· _ 	113	("integrated circuit" or "integrated circuits" or "ic" or "ics" or "ic's").ti. and peltier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/12
-	8	(("integrated circuit" or "integrated circuits" or "ic" or "ics" or "ic's") and (test or tests or testing or tested or tester or tester)).ti. and peltier	USPĀT;	2003/02/12 15:30
; <u>-</u> 	375	circuits" or "ic" or "ics" or "ic's") and (test or tests or testing or tested or tester or tester)) and peltier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/12
-	83	<pre>(("integrated circuit" or "integrated circuits" or "ic" or "ics" or "ic's") and (test or tests or testing or tested or tester or tester)) and peltier and (fan or fans)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/12
-	0	(("integrated circuit" or "integrated	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/12 15:32
_	0	(("integrated circuit" or "integrated circuits" or "ic" or "ics" or "ic's") and (test or tests or testing or tested or tester or tester)) and peltier and ("power bus" or "power busses") and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/12 15:33
_	3	"ground resistance" (("integrated circuit" or "integrated circuits" or "ic" or "ics" or "ic's") and (test or tests or testing or tested or tester or tester)) and peltier and ("power bus" or "power busses")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/12 15:33
	0	(("integrated circuit" or "integrated circuits" or "ic" or "ics" or "ic's") same (test or tests or testing or tested or tester or tester)) and (power with bus with ground with resistance with temperature)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/12 15:34
	0	<pre>(("integrated circuit" or "integrated circuits" or "ic" or "ics" or "ic's") same (test or tests or testing or tested or tester or tester)) and (bus with ground with resistance with temperature)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/12
-	0	"power bus to ground"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/12 15:35

-	141	"power bus" with resistance	USPAT;	2003/02/12
	i		US-PGPUB;	15:37
		•	EPO; JPO;	
			DERWENT;	
I			IBM_TDB	!
, -	4	("power bus" with resistance) same	USPAT;	2003/02/12
		temperature	US-PGPUB;	15:39
			EPO; JPO;	1
1			DERWENT;	i
	ı		IBM_TDB	
_	293	(bus with resistance) same temperature	USPAT;	2003/02/12
	i		US-PGPUB;	15:39
İ			EPO; JPO;	
			DERWENT;	j
1			IBM_TDB	}
i -	152	(bus with resistance) with temperature	USPAT;	2003/02/12
-			US-PGPUB;	16:42
:			EPO; JPO;	
	ļ		DERWENT;	
			IBM_TDB	:
-	29	("3979671" "3986337" "4089184"	USPAT	2003/02/12
-		"4134447" "4172993" "4253515"		15:50
		4324285" "4402185" "4426619"		1
] i	"4579527" "4604572" "4607220"		
!	["4612772" "4636726" "4727720"	! :	
ļ		"4734872" "4759190" "4780086"		
		"4839587" "5006796" "5028988"		
İ	1	"5184068" "5424209" "5510724"		!
		"5767489" "5844208" "5903163"		. į
		"5966940" "6095293").PN.		
-	53	"power bus" with temperature	USPAT;	2003/02/12
	i		US-PGPUB;	16:44
Ì			EPO; JPO;	
	,	! !	DERWENT;	
İ	1		IBM_TDB	!
; -	2	"power bus" with temperatures	USPAT;	2003/02/12
!	İ		US-PGPUB;	16:43
i			EPO; JPO;	į
			DERWENT;	
	i i		IBM_TDB	!
-	0	"power buses" with temperatures	USPAT;	2003/02/12
	!			16:43
	i l		EPO; JPO;	
			DERWENT;	
	l i		IBM_TDB	
. –	13	"power buses" with temperature	USPAT;	2003/02/12
1			US-PGPUB;	16:43
			EPO; JPO;	
			DERWENT;	
		Manager to a series of the collection of	IBM_TDB	0000/00/55
-	0	"power buses" with degrees	USPAT;	2003/02/12
1			US-PGPUB;	16:44
			EPO; JPO;	
	<u> </u>		DERWENT;	
		Thorag business at the decimal	IBM_TDB	2002/00/22
-	- 2 !	"power buses" with degree	USPAT;	2003/02/12
			US POPUB;	16:44
			EPO; JPO;	
!	!		DERWENT;	
i	13	"nower bue" with dogree	IBM_TDB	2002/02/12
	13	"power bus" with degree	USPAT;	2003/02/12
			US-PGPUB;	16:44
	·		EPO; JPO;	!
[i	j l		DERWENT;	
_	2	"notion bus" with downers	IBM_TDB	2003/02/12
⁻	4	"power bus" with degrees	USPAT;	2003/02/12
			US-PGPUB;	16:44
!			EPO; JPO;	1
!			DERWENT;	
	l		IBM_TDB	<u> </u>

		T. B. T. C. C. C. C. C. C. C. C. C. C. C. C. C.	7-21.2	
_	80	1 1 7 1	USPAT;	2003/02/13
	!	bus" with temperatures) ("power buses" with temperatures) ("power buses" with	US-PGPUB;	07:50
1	1		EPO; JPO;	
		temperature) ("power buses" with degrees) ("power buses" with degree) ("power bus"	DERWENT;	
		with degree) ("power bus" with degrees	TBM_TDB	
_	5345	bus with temperature) (bus with	USPAT;	2003/02/13
!	3313	temperatures) (buses with temperatures)	US-PGPUB;	07:55
		(buses with temperature) (buses with	EPO; JPO;	07.55
İ		degrees) (buses with degree) (bus with	DERWENT;	
:	:	degree) (bus with degrees	IBM TDB	
j	5345	bus with temperature) (bus with	USPAT;	2003/02/13
	1	temperatures) (buses with temperatures)	US-PGPUB;	07:58
		(buses with temperature) (buses with	EPO; JPO;	
		degrees) (buses with degree) (bus with	DERWENT;	
!		degree) (bus with degrees	IBM TDB	
-	1041	((bus with temperature) (bus with	USPAT;	2003/02/13
i	1	temperatures) (buses with temperatures)	US-PGPUB;	09:12
		(buses with temperature) (buses with	EPO; JPO;	!
		degrees) (buses with degree) (bus with	DERWENT;	
	İ	degree) (bus with degrees)).ab.	IBM_TDB	į
_	1827	(plot or plots or plotting or plotted or	USPAT;	2003/02/13
ļ		graph or graphs or graphing or graphed)	US-PGPUB;	10:59
!		with (temperature or temperatures) with	EPO; JPO;	l i
į		(resistance or resistances)	DERWENT;	
	2755	(-1-5	IBM_TDB	1 2002 /20 /22
-	2156	(plot or plots or plotting or plotted or	USPAT;	2003/02/13
	İ	graph or graphs or graphing or graphed)	US-PGPUB;	10:11
		with (temperature or temperatures) with	EPO; JPO;	!
	!	(voltage or voltages)	DERWENT;	<u> </u>
_	0	(plot or plots or plotting or plotted or	IBM_TDB USPAT;	2003/02/13
		graph or graphs or graphing or graphed)	US-PGPUB;	10:12
		with (temperature or temperatures) with	EPO; JPO;	10.12
İ		(voltage or voltages) with (bus or	DERWENT;	!
!		busses)	IBM TDB	
-	729	((plot or plots or plotting or plotted or	USPAT;	2003/02/13
		graph or graphs or graphing or graphed)	US-PGPUB;	10:15
1	!	with (temperature or temperatures) with	EPO; JPO;	
}	i I	(voltage or voltages)) and (test or tests	DERWENT;	!
		or tested or testing or tester or	IBM_TDB	
	ļ i	testers)	 i	
-	804	((plot or plots or plotting or plotted or	USPAT;	2003/02/13
, I	'	graph or graphs or graphing or graphed)	US-PGPUB;	12:03
	į į	with (temperature or temperatures) with	EPO; JPO;	
		(resistance or resistances)) and (test or	DERWENT;	
1		tests or tested or testing or tester or	IBM_TDB	j '
_	19	testers) 4734641.URPN.	HCDAG	2002/02/12
1	19	TIOTOTI.UNEM.	USPAT	2003/02/13
_	58	"thermal evaluation"	USPAT;	11:52
		Cholmal Craftacton	US-PGPUB;	12:05
]		EPO; JPO;	12.00
			DERWENT;	
i]		IBM TDB	·
-	10	"3982918"	USPAT;	2003/02/13
			US-PGPUB;	12:05
	;		EPO; JPO;	' ' ' '
			DERWENT;	
	!		IBM_TDB	
-	2	("3982918").PN.	USPAT;	2003/02/13
			US-PGPUB;	12:05
			EPO; JPO;	
!			DERWENT;	!
į			IBM_TDB	·
-) 2 _i	("3982218").PN.	USPAT;	2003/02/13
1			US-PGPUB;	13:25
			EPO; JPO;	i
	;		DERWENT;	
	<u>L</u>		IBM_TDB	<u></u>

	7	bus-to-ground	USPAT;	2003/02/13
			US-PGPUB;	13:29
1	ĺ	· 	EPO; JPO;	1
			DERWENT;	
	l		IBM_TDB	1
-	3253	unisys.asn.	USPAT;	_i 2003/02/13
!	!	_	US-PGPUB;	13:26
1	I		EPO; JPO;	i
:		I	DERWENT;	1
	1		IBM TDB	
_	5150	bus near3 ground	USPAT;	2003/02/13
}	3100	Dus nours ground	US-PGPUB;	13:32
1			EPO; JPO;	1
!	l.		DERWENT;	<u>.</u>
			IBM TDB	
	13	(bus near3 ground	USPAT;	2003/02/13
_	13) and unisys.asn.	US-PGPUB;	13:30
) and unitsys.asm.	EPO; JPO;	13.30
i				!
i	!		DERWENT;	1
i			IBM_TDB	1 2002 (02 (12
ļ -	1	(USPAT;	2003/02/13
1) and unisys.asn.	US-PGPUB;	13:30
1	Į.	and temperature	EPO; JPO;	
İ			DERWENT;	
!	I		IBM_TDB	0000 (00 (10
-	12115	bus near3 voltage	USPAT;	2003/02/13
	1		US-PGPUB;	13:32
		· I	EPO; JPO;	I
	1	I	DERWENT;	
t .			IBM_TDB	
-	30	(bus near3 voltage) and unisys.asn.	USPAT;	2003/02/13
· 1	i		US-PGPUB;	13:32
			EPO; JPO;	
1	I .	: !	DERWENT;	į į
			IBM_TDB	
-	1	(bus near3 voltage) and unisys.asn. and	USPAT;	2003/02/13
	1	temperature	US-PGPUB;	13:32
!	1		EPO; JPO;	
	i		DERWENT;	
1	I		IBM_TDB	
-	1	(bus near3 resistance) and unisys.asn.	USPAT;	2003/02/13
Ţ	}	and temperature	US-PGPUB;	13:33
1		,	EPO; JPO;	
Ţ	1		DERWENT;	
i I			IBM TDB	
_	3	(bus near3 resistance) and unisys.asn.	USPAT;	2003/02/13
			US-PGPUB;	13:37
	Į.	<u>i</u>	EPO; JPO;	İ
	1		DERWENT;	İ
i	Į.	! 1	IBM TDB	
! _	119	702/118.ccls.	USPAT;	2003/02/13
			US-PGPUB;	13:37
	İ		EPO; JPO;	
	}		DERWENT;	
1			IBM TDB	
<u> </u>	117	702/119.ccls.	USPAT;	2003/02/13
]	1	i	US-PGPUB;	13:37
Ī			EPO; JPO;	1
	!		DERWENT;	
			IBM TDB	
_	101	702/120.ccls.	USPAT;	2003/02/13
			US-PGPUB;	13:37
i			EPO; JPO;	1
!		I	DERWENT;	
i			IBM TDB	
_	3372	((test or tests or testing or tester or	USPAT;	2003/02/13
-	3372	tested or testers) and ("circuit board"		13:41
		or "circuit boards" or pcb)).ti.	US-PGPUB; EPO; JPO;	, 13.71
		or cricuit poatus or pep)).er.		!
:		ļ	DERWENT;	
L		<u></u>	IBM_TDB	<u> </u>

	114	((test or tests or testing or tester or	USPAT;	2003/02/13
		tested or testers) and ("circuit board"	US-PGPUB;	14:18
	i	or "circuit boards" or pcb)).ti. and	EPO; JPO;	İ
		(heat or heats or heating or heated or	DERWENT;	į.
i	İ	heater or heater or temperature or	IBM_TDB	
		temperatures).ab.		
· -	32	4792683.URPN.	USPAT	2003/02/13
	i	I	I	13:55
-	! 150	324/703.ccls.	USPAT;	2003/02/13
	İ		US-PGPUB;	14:19
	{		EPO; JPO;	i .
i			DERWENT;	} i
i :	476	204/7601	IBM_TDB	! 2003/02/13
_	476	324/760.ccls.	USPAT; US-PGPUB;	14:20
	1	1	EPO; JPO;	14.20
	i		DERWENT;	
			IBM TDB	!
1 _	150	702/99.ccls.	USPAT;	2003/02/13
ļ	150	702, 33.0013.	US-PGPUB;	14:20
İ	 		EPO; JPO;	
		· 	DERWENT;	}
ļ		;	IBM_TDB	
j -	504	702/130.ccls.	USPĀT;	2003/02/13
				14:21
	1		EPO; JPO;	
			DERWENT;	
	: !	l	IBM_TDB	
-	60	702/133.ccls.	USPAT;	2003/02/13
: -			US-PGPUB; EPO; JPO;	14:21
			DERWENT;	
į			IBM TDB	j
_	61	702/134.ccls.	USPAT;	2003/02/13
		7027 101100101	US-PGPUB;	14:21
	į		EPO; JPO;	
l .	j		DERWENT;	
	ļ		IBM_TDB	
j -	38	702/135.ccls.	USPAT;	2003/02/13
	!		US-PGPUB;	14:21
			EPO; JPO;	!
	:		DERWENT;	į į
!	227	702/136.ccls.	IBM_TDB USPAT;	2003/02/13
-	23/	7027130.0013.	US-PGPUB;	14:21
1			EPO; JPO;	13.21
			DERWENT;] ,
	:		IBM TDB	!
_	493	702/117.ccls.	USPAT;	2003/02/13
	į		US-PGPUB;	15:55
i			EPO; JPO;	}
	[DERWENT;	
İ		700 (117	IBM_TDB	0000/50/50
-	16	702/117.ccls. and (heat or heats or	USPAT;	2003/02/13
		heater or heated or heaters or heating or	US-PGPUB;	15:59
	ļ	temperature or temperatures or degree or degrees).ab.	EPO; JPO; DERWENT;	
ļ		degrees/.ap.	IBM TDB	
i -	1045	(702/118.ccls. 702/119.ccls.	USPAT;	2003/02/13
!		702/120.ccls. 324/703.ccls. 324/760.ccls.	US-PGPUB;	16:20
		702/99.ccls. 702/130.ccls. 702/133.ccls.	EPO; JPO;	<u> </u>
	ī	702/134.ccls. 702/135.ccls.	DERWENT;]
		702/136.ccls.) and (heat or heats or	IBM_TDB	1
	<u> </u>	heater or heated or heaters or heating or	!	
!		temperature or temperatures or degree or	<u> </u>	1
	_	degrees).ab.	IIG Dam	2002/02/12
! -	5	(, , , , , , , , , , , , , , , , , , ,	USPAT;	2003/02/13
		702/120.ccls.) and (heat or heats or heater or heated or heaters or heating or	US-PGPUB; EPO; JPO;	16:01
	:	temperature or temperatures or degree or	DERWENT;	!
1	:	degrees).ab.	IBM TDB	
		· · · · · · · · · · · · · · · · · · ·	——————	

			,	
_	116	, , ,	USPAT;	2003/02/13
İ		heater or heated or heaters or heating or	US-PGPUB;	16:02
	1	temperature or temperatures or degree or	EPO; JPO;	
		degrees).ab.	DERWENT;	1
!	200	(700/120 1 -) 1 // 1	IBM_TDB	2002/00/12
1 -	399	1 (- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	USPAT;	2003/02/13
1	i :	heater or heated or heaters or heating or temperature or temperatures or degree or	US-PGPUB; EPO; JPO;	16.02
		degrees).ab.	DERWENT;	!
	}	degrees, ab.	IBM TDB	
' -	47	(702/133.ccls.) and (heat or heats or	USPAT;	2003/02/13
ļ	-	heater or heated or heaters or heating or	US-PGPUB;	16:02
İ	I	temperature or temperatures or degree or	EPO; JPO;	[
		degrees).ab.	DERWENT;	!
İ	i		IBM_TDB	! j
j -	51	(702/134.ccls.) and (heat or heats or	USPAT;	2003/02/13
1		heater or heated or heaters or heating or	US-PGPUB;	16:02
	I	temperature or temperatures or degree or	EPO; JPO;	!
	į	degrees).ab.	DERWENT;	
_	35	(702/135.ccls.) and (heat or heats or	IBM_TDB USPAT;	2003/02/13
į l] 55	heater or heated or heaters or heating or	US-PGPUB;	16:02
	I	temperature or temperatures or degree or	EPO; JPO;	10.02
		degrees).ab.	DERWENT;	}
			IBM TDB	!
i -	102	(702/136.ccls.) and (heat or heats or	USPAT;	2003/02/13
	!	heater or heated or heaters or heating or	US-PGPUB;	16:02
1	\	temperature or temperatures or degree or	EPO; JPO;	
		degrees).ab.	DERWENT;	1
	78	(224/202 cml) and (heat on heat on	IBM_TDB	2002/02/12
! -	/ 6	(324/703.ccls.) and (heat or heats or heater or heated or heaters or heating or	USPAT; US-PGPUB;	2003/02/13
į į	i	temperature or temperatures or degree or	EPO; JPO;	10.02
(degrees).ab.	DERWENT;	
			IBM TDB	
,	276	(324/760.ccls.) and (heat or heats or	USPAT;	2003/02/13
ì		heater or heated or heaters or heating or	US-PGPUB;	16:10
		temperature or temperatures or degree or	EPO; JPO;	į
	 	degrees).ab.	DERWENT;	
!	191	(702/118.ccls. 702/119.ccls.	IBM_TDB USPAT;	2003/02/13
j	191	702/110.ccls. 702/119.ccls. 324/760.ccls.	US-PGPUB;	17:26
		702/99.ccls. 702/130.ccls. 702/133.ccls.	EPO; JPO;	1
	: 	702/134.ccls. 702/135.ccls.	DERWENT;	1
	i 	702/136.ccls.) and (heat or heats or	IBM TDB	
! .		heater or heated or heaters or heating or		
į l		temperature or temperatures or degree or	İ	!
<u> </u>		degrees).ab. and (resistance or		j
		resistances or resistor or resistors or resistivity or resistivities or conduct		j
1		or conducts or conducts or conducting or	1	
!		conducted or conductivity or		į l
i		conductivities or resist or resists or		
į		resisting or resisted).ab.		
) – i	83407	(resistance or resistances or resistor or	USPAT;	2003/02/13
ļ	ı İ	resistors or resistivity or	US-PGPUB;	17:27
]		resistivities) near3 surface	EPO; JPO;	
	[DERWENT;	i
; 	164	(/magiatanas an magiatasas as sasis	IBM_TDB	2002/02/12
(164	((resistance or resistances or resistor	USPAT;	2003/02/13
	: 	or resistors or resistivity or resistivities) near3 surface) same bus	US-PGPUB; EPO; JPO;	17:28
!		restroivieres, hears surrace, same bus	DERWENT;	
			IBM TDB	
	لـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ			<u> </u>

-	51	l , '	USPAT;	2003/02/13
		US-4251336-\$ or US-4956605-\$ or	EPO; JPO;	17:31
i	1	US-4706010-\$ or US-6229329-\$ or	IBM_TDB	
		US-6300862-\$ or US-6469497-\$ or		!
	1	US-6438821-\$ or US-6437634-\$ or	:	
1	i .	US-6362721-\$ or US-6288597-\$ or		!
i		US-6278313-\$ or US-6104274-\$ or		į
		US-5852445-\$ or US-5801612-\$ or		
ĺ	Ì	US-6215324-\$ or US-4734641-\$ or		į l
!		US-5302022-\$ or US-5130644-\$ or	!	
!		US-3982218-\$ or US-6238086-\$ or		}
i	!	US-5182629-\$ or US-5696450-\$ or		
	i	US-5543727-\$ or US-5172063-\$).did. or		
	į į	(US-4792683-\$ or US-6422741-\$ or	1	1
İ	: 1	US-6360935-\$ or US-5733041-\$ or		!
		US-5006788-\$ or US-5392219-\$ or	1	
	· ·	US-6140825-\$ or US-5760595-\$ or		!
- !	-	US-5698987-\$ or US-5260668-\$ or		
1		US-RE32625-\$ or US-4739258-\$ or		
1	!	US-6329831-\$ or US-5451885-\$ or	:	1
1	i	US-4483629-\$ or US-5657394-\$).did. or	i	
	!	(EP-408863-\$ or EP-283778-\$).did. or	!	
	1	(JP-04144248-\$ or JP-04104072-\$ or	1	į
		JP-01286322-\$ or JP-06347500-\$ or		
!		JP-03255966-\$ or JP-01046638-\$).did. or		' i
İ	1	(NN81092167).tban.	1	
	5	((US-4576322-\$ or US-6215323-\$ or	USPAT;	2003/02/13
	,	US-4251336-\$ or US-4956605-\$ or	US-PGPUB;	17:31
		US-4706010-\$ or US-6229329-\$ or	EPO; JPO;	
	1	US-6300862-\$ or US-6469497-\$ or	DERWENT;	
		US-6438821-\$ or US-6437634-\$ or	IBM TDB]
}	ì	US-6362721-\$ or US-6288597-\$ or	101_100	!
		US-6278313-\$ or US-6104274-\$ or	İ	İ
 	1 i	US-5852445-\$ or US-5801612-\$ or		
		US-6215324-\$ or US-4734641-\$ or		i
1	!	US-5302022-\$ or US-5130644-\$ or	1	
		US-3982218-\$ or US-6238086-\$ or		
)			i
		US-5182629-\$ or US-5696450-\$ or		
		US-5543727-\$ or US-5172063-\$).did. or (US-4792683-\$ or US-6422741-\$ or	Į.	
	Ì	US-6360935-\$ or US-5733041-\$ or	!	
1			i	
ĺ		US-5006788-\$ or US-5392219-\$ or		ļ
}		US-6140825-\$ or US-5760595-\$ or		:
İ		US-5698987-\$ or US-5260668-\$ or		i
	:	US-RE32625-\$ or US-4739258-\$ or		
		US-6329831-\$ or US-5451885-\$ or		
		US-4483629-\$ or US-5657394-\$).did. or		
į.	i	(EP-408863-\$ or EP-283778-\$).did. or	i	
		(JP-04144248-\$ or JP-04104072-\$ or		
!		JP-01286322-\$ or JP-06347500-\$ or	i	
:		JP-03255966-\$ or JP-01046638-\$).did. or		1
	1	(NN81092167).tban.) and "power bus"	TICDAM:	2002 (02 (23
-	118	"bus resistance"	USPAT;	2003/02/21
ĺ	ļ		US-PGPUB;	08:39
	į l		EPO; JPO;	!
	!		DERWENT;	
Į.	_	(1)	IBM_TDB	2002/02/23
-	2	("bus resistance" or "bus resistances")	USPAT;	2003/02/21
		with (temperature or temperatures)	US-PGPUB;	08:40
!	1	I	EPO; JPO;	
i			DERWENT;	
			IBM_TDB	
· -	94		USPAT;	2003/02/21
	1	(temperature or temperatures)	US-PGPUB;	08:41
			EPO; JPO;	
1	1		DERWENT;	
	1		IBM_TDB	
-	32	4792683.URPN.	USPAT	2003/02/21
	1		1	08:56
' -	4	("3808439" "4240750" "4481418"	USPAT	2003/02/21
Ĺ	<u> </u>	"4647220").PN.	<u> </u>	08:56

-	6	4380725.URPN.	USPAT	2003/02/21
_	0	6426484.URPN.	USPAT	2003/02/21
i _	21	"4695713" "4701587" "4717814" "4745264" "4769525" "4792683" "5010233" "5117279" "5175409" "5194695" "5239806" "5418189" "5498899" "5500555" "5521426"	USPAT	2003/02/21
' -	0	"5598031" "5938956" "6111220").PN. 6422741.URPN.	USPAT	2003/02/21
!	13	("4679946" "4792683" "4866276" "5111048" "5228776" "5562345" "5574379" "5698978" "5706094" "5748003" "5886534" "5952561" "6173604").PN.	USPAT	09:10 2003/02/21 09:10
-	0	6360935.URPN.	USPAT	2003/02/21
-	28	("4227415" "4409333" "4467638" "4657169" "4657196" "4696104" "4792683" "4941256" "5089700" "5118945" "5148375" "5206705" "5208528" "5246291" "5250809" "5262022" "5357346" "5401380" "5407275" "5425859" "5446549" "5574801" "5676302" "5836504" "5912984" "5963662" "5971249" "5988487") .PN.	USPAT	2003/02/21
-	6	("voltage drop" with temperature) same epoxy	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/02/21 09:18
_	347	(voltage with temperature) same epoxy	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/21 09:19
_	109	(voltage with temperature) with epoxy	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/21
-	21	5246291.URPN.	USPAT	2003/02/21 09:20
_	5	("3803413" "4792683" "4999499" "5052816" "5064291").PN.	USPAT	2003/02/21 09:20
	19	5963662.URPN. ("3795918" "5115475").PN.	USPAT	2003/02/21
	2	("3795918" "5115475").PN.	USPAT USPAT	2003/02/21 09:32 2003/02/21
_	5	("5012502" "5291535" "5463667"	USPAT	09:36 2003/02/21
_	83832	"5561696" "5592562") PN. short-circuit or short-circuits or	USPAT;	09:36 2003/02/21
		short-circuited or short-circuiting	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	10:21
-	1094	(short-circuit or short-circuits or short-circuited or short-circuiting) with (solder or epoxy)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/21

-	232	((short-circuit or short-circuits or	USPAT;	2003/02/21	
		short-circuited or short-circuiting) with	US-PGPUB;	10:23	
		(solder or epoxy)) same (heat or heats or	EPO; JPO;		
•		heating or heated or temperature or	DERWENT;	:	
İ	2.5	temperatures)	IBM_TDB	1	
_	36	(((short-circuit or short-circuits or	USPAT;	2003/02/21	
	1	short-circuited or short-circuiting) with	US-PGPUB;	10:23	
	İ	(solder or epoxy)) same (heat or heats or	EPO; JPO;		
		heating or heated or temperature or	DERWENT;		
		temperatures)) and (test or tests or testing or tested or tester or testers)	IBM_TDB	: 	
!	196		TICDAM.	2002/02/21	
	196	short-circuited or short-circuiting) with	USPAT; US-PGPUB;	2003/02/21 09:58	
i :	!	(solder or epoxy)) same (heat or heats or	EPO; JPO;	09.30	- 1
		heating or heated or temperature or	DERWENT;		
		temperatures)) not ((((short-circuit or	IBM TDB		
	İ	short-circuits or short-circuited or			
	1	<pre>short-circuiting) with (solder or epoxy))</pre>	!		
	:	same (heat or heats or heating or heated	I		- :
		or temperature or temperatures)) and			
ĺ		(test or tests or testing or tested or]	i	- !
		tester or testers))			Ì
-	169768		USPAT;	2003/02/21	
		short-circuited or short-circuiting or	US-PGPUB;	10:22	
i		"short circuit" or "short circuits" or	EPO; JPO;	:	
! 		"short circuited" or "short circuiting"	DERWENT;		
<u>_</u>	112	(((short-circuit or short-circuits or	IBM_TDB USPAT;	2002/02/21	
_	112	short-circuited or short-circuiting or	US-PGPUB;	2003/02/21	
		"short circuit" or "short circuits" or	EPO; JPO;	10.33	
	:	"short circuited" or "short circuiting")	DERWENT;		
		with (solder or epoxy)) same (heat or	IBM TDB		
		heats or heating or heated or temperature			
		or temperatures)) and (test or tests or			
		testing or tested or tester or testers)			ĺ
_	567	((short-circuit or short-circuits or	USPAT;	2003/02/21	
		short-circuited or short-circuiting or	US-PGPUB;	11:32	
		"short circuit" or "short circuits" or	EPO; JPO;		Ì
		"short circuited" or "short circuiting")	DERWENT;		
;		with (solder or epoxy)) same (heat or	IBM_TDB		
i	j	heats or heating or heated or temperature or temperatures)			
_	576	(((short-circuit or short-circuits or	USPAT;	2003/02/21	ļ
	3,3	short-circuited or short-circuiting or	US-PGPUB;	10:29	
i		"short circuit" or "short circuits" or	EPO; JPO;		
		"short circuited" or "short circuiting")	DERWENT;		
	:	with (solder or epoxy)) same (heat or	IBM TDB		
	I	heats or heating or heated or temperature	-		-
ļ		or temperatures)) not (((short-circuit or			i
		short-circuits or short-circuited or		i	
ł		short-circuiting) with (solder or epoxy))			-
		same (heat or heats or heating or heated			i
_	76	<pre>or temperature or temperatures)) ((((short-circuit or short-circuits or</pre>	IICDAM -	2002/02/21	
:	, 0	short-circuited or short-circuiting or	USPAT; US-PGPUB;	2003/02/21	
		"short circuit" or "short circuits" or	EPO; JPO;	10:24	
	!	"short circuited" or "short circuiting")	DERWENT;		
:		with (solder or epoxy)) same (heat or	IBM TDB		
	ĺ	heats or heating or heated or temperature			
		or temperatures)) and (test or tests or			
	1	testing or tested or tester or testers))			
		not ((((short-circuit or short-circuits			Ĺ
		or short-circuited or short-circuiting)			
		with (solder or epoxy)) same (heat or			j
		heats or heating or heated or temperature			i
		or temperatures)) and (test or tests or			
		testing or tested or tester or testers))			1

		* / / / /	Transm	2002/00/02
_	575	((((short-circuit or short-circuits or	USPAT;	2003/02/23
İ		short-circuited or short-circuiting or	US-PGPUB;	14:28
i		"short circuit" or "short circuits" or	EPO; JPO;	
-		"short circuited" or "short circuiting")	DERWENT;	
	1	with (solder or epoxy)) same (heat or	IBM_TDB	
		heats or heating or heated or temperature		
		or temperatures)) not (((short-circuit or		' i
		short-circuits or short-circuited or		
		short-circuiting) with (solder or epoxy))		
		same (heat or heats or heating or heated		!
	1	or temperature or temperatures))) not	ļ	1
		(((((short-circuit or short-circuits or	:	
i		short-circuited or short-circuiting or		
i		"short circuit" or "short circuits" or		
		"short circuited" or "short circuiting")	1	
		with (solder or epoxy)) same (heat or		1
	i	heats or heating or heated or temperature		į
l		or temperatures)) and (test or tests or		1
1		testing or tested or tester or testers))		1
		not ((((short-circuit or short-circuits		i - 1
1		or short-circuited or short-circuiting)		
i	1	with (solder or epoxy)) same (heat or	I	
		heats or heating or heated or temperature	İ	1
		or temperatures)) and (test or tests or	!	!
1	į	testing or tested or tester or testers)))		[
-	2	("4,851,946").PN.	USPAT;	2003/02/21
			US-PGPUB;	10:28
i			EPO; JPO;	!
!			DERWENT;	!
İ			IBM_TDB	ļ
-	335	(((short-circuit or short-circuits or	USPAT;	2003/02/21
		short-circuited or short-circuiting or	US-PGPUB;	10:29
	<u>}</u>	"short circuit" or "short circuits" or	EPO; JPO;	
		"short circuited" or "short circuiting")	DERWENT;	
ł		with (solder or epoxy)) same (heat or	IBM_TDB	!
		heats or heating or heated or temperature	İ	į
		or temperatures)) not (((short-circuit or		!
i		short-circuits or short-circuited or		
		short-circuiting) with (solder or epoxy))		j
: I	; i	same (heat or heats or heating or heated]
	30-	or temperature or temperatures))	<u></u>	
-	301	(((bridging or bridge or bridges or	USPAT;	2003/02/21
1		bridged) with (solder or epoxy)) same	US-PGPUB;	10:40
1		(heat or heats or heating or heated or	EPO; JPO;	
		temperature or temperatures)) and (test	DERWENT;	1
ļ		or tests or testing or tested or tester	IBM_TDB	!
İ	1.5	or testers)		1 0000 (00 (55
! -	15	(((bridging or bridge or bridges or	USPAT;	2003/02/21
	[]	bridged) with (solder or epoxy)) same	US-PGPUB;	10:41
		(heat or heats or heating or heated or	EPO; JPO;	
		temperature or temperatures)) and (test or tests or testing or tested or tester	DERWENT;	
1	!	or testore or meniter or meniter	IBM_TDB	
		or testers or monitor or monitors or		
1	}	monitoring or monitored or determine or		
		determining or determines or determined or determination or determinations).ti.		i '
: _			LIC DAM:	2002/02/23
		((short-circuit or short-circuits or	USPAT;	2003/02/21
I :		short-circuited or short-circuiting or "short circuit" or "short circuits" or	US-PGPUB;	11:33
1		"short circuited" or "short circuits" or	EPO; JPO;	
	j l	"short circuited" or "short circuiting")	DERWENT;	ļ.
		with (solder or epoxy)) same ("surface	IBM_TDB	1
_	i o	<pre>temperature") ((short-circuit or short-circuits or</pre>	IICDim.	3003/03/31
	"	short-circuit or short-circuits or short-circuited or short-circuiting or	USPAT;	2003/02/21
	'	"short circuit" or "short circuits" or	US-PGPUB;	11:34
	į	"short circuited" or "short circuiting")	EPO; JPO;	
!		with (solder or epoxy)) same ("surface	DERWENT;	
		resistance")	IBM_TDB	·
ــــــ	└	LULI CARLO /		L

				
	3254	UNISYS.asn.	USPAT; US-PGPUB; EPO; JPO;	2003/02/21
ļ			DERWENT; IBM TDB	ĺ
-	36	UNISYS.asn. and (short-circuit or short-circuits or short-circuited or short-circuiting or "short circuit" or	USPAT; US-PGPUB; EPO; JPO;	2003/02/21 11:42
; - ; -	2	"short circuits" or "short circuited" or "short circuiting") ("4938410").PN.	DERWENT; IBM_TDB 'USPAT; US-PGPUB; EPO; JPO;	2003/02/21
	4	: ("1949716" "3752642" "4757800"	DERWENT; IBM_TDB USPAT	2003/02/21
-	253	"4771929").PN. "high acceleration stress test" or hast	USPAT;	11:43 2003/02/21 11:50
	2	! ("high acceleration stress test" or	EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/02/21
		"highly accelerated stress test" or "highly acceleration stress tests" or "highly accelerated stress tests" or hast) with (short-circuit or short-circuits or short-circuited or short-circuiting or "short circuit" or "short circuited" or "short circuiting")	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	11:54
	3	("high acceleration stress test" or "highly accelerated stress test" or "high acceleration stress tests" or "highly accelerated stress tests" or "high acceleration saturation test" or "high acceleration saturation tests" or "highly accelerated saturation tests" or "highly accelerated saturation tests" or hast) same (short-circuit or short-circuits or short-circuited or short-circuiting or "short circuit" or "short circuits" or "short circuited" or "short circuiting")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/21
~	118	"burn-in" same (short-circuit or short-circuits or short-circuited or short-circuiting or "short circuit" or "short circuits" or "short circuited" or "short circuiting")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/21 11:57
-	513	((test or testing or tests or tester or testers) and (solder or soldering or solders)).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/21 13:17
	4	((test or testing or tests or tester or testers) and (solder or soldering or solders)).ti. and "heat sink"	USPAT; US-PCPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/21 13:11
-	105	<pre>((test or testing or tests or tester or testers) and (solder or soldering or solders)).ti. and (temperature or temperatures or heat or heats or heating or heated).ab.</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/21 13:15
- -	4	("6323663").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/02/21 13:15

_	100	((short-circuit or short-circuits or short-circuited or short-circuiting or	USPAT; US-PGPUB;	2003/02/21 13:19
		"short circuit" or "short circuits" or	EPO; JPO;	13.13
		"short circuited" or "short circuiting")	DERWENT;	
:		and (solder or soldering or	IBM_TDB	
İ	i 	solders)).ti.	:	
; –	945	("integrated circuit" or "integrated	USPAT;	2003/02/21
		circuts" or "ic" or "ics" or "ic's") and peltier	US-PGPUB; EPO; JPO;	17:09
	; ;	; percier	DERWENT;	
	ĺ		IBM TDB	
_	187	("integrated circuit" or "integrated	USPAT;	2003/02/21
		circuts" or "ic" or "ics" or "ic's") and	US-PGPUB;	17:14
ı		peltier and (fan or fans)	EPO; JPO;	j
			DERWENT; IBM TDB	
: . -	29	("integrated circuit" or "integrated	USPAT;	2003/02/21
I		circuts" or "ic" or "ics" or "ic's" or	US-PGPUB;	17:15
	!	"circuit board" or "circuit boards" or	EPO; JPO;	
		"pcb") and peltier and (fan or fans) and	DERWENT;	
		((temperature or temperatures) with (ramp	IBM_TDB	
! _	4	or ramping or ramps or ramped)) 5760595.URPN.	USPAT	2003/02/23
1		0.00000.01/EW.	JULAI	13:31
-	4	5760595.URPN.	USPAT	2003/02/23
]			İ	13:32
-	0	"shorts test".ti.	USPAT;	2003/02/23
			US-PGPUB;	13:34
		!	EPO; JPO; DERWENT;	
	ĺ		IBM TDB	! !
: -	75	"shorts test"	USPAT;	2003/02/23
į i			US-PGPUB;	13:39
			EPO; JPO;	:
1			DERWENT;	
_	27	"shorts test" and (temperature or	IBM_TDB USPAT;	2003/02/23
		temperatures or heat or heats or heating	US-PGPUB;	13:55
	İ	or heated)	EPO; JPO;	
1			DERWENT;	
	2 i	(#4020410#) DNI	IBM_TDB	2002/02/02
! -	2	("4938410").PN.	USPAT; US-PGPUB;	2003/02/23
			EPO; JPO;	13.30
<u> </u>			DERWENT;	
			IBM_TDB	
-	2	("4938410").PN.	USPAT;	2003/02/23
			US-PGPUB; EPO; JPO;	13:56
İ	ļ		DERWENT;	
	İ		IBM_TDB	
-	8	(("4938410") or ("5172063") or	USPAT;	2003/02/23
	,	("5696450") or ("5543727")).PN.	US-PGPUB;	13:57
	ŀ		EPO; JPO; DERWENT;	
			IBM TDB	į į
ļ	0	(short-circuit or short-circuits or	USPAT;	2003/02/23
:	į	short-circuited or short-circuiting or	US-PGPUB;	14:30
		"short circuit" or "short circuits" or	EPO; JPO;	
		"short circuited" or "short circuiting")	DERWENT;	
ì		with bus with ground with (resistance or resistances) with (plot or plots or	IBM_TDB	
	İ	plotting or plotted or plotting or graph	!	
		or graphs or graphing or graphed or		
	i	graphs)		
-	4	(short-circuit or short-circuits or	USPAT;	2003/02/23
		short-circuited or short-circuiting or	US-PGPUB;	14:29
		"short circuit" or "short circuits" or "short circuited" or "short circuiting")	EPO; JPO; DERWENT;	
		with bus with ground with (resistance or	IBM TDB	1
[_	resistances)	-21.0.0	
·				L

	0	(short-circuit or short-circuits or	USPAT;	2003/02/23
		short-circuited or short-circuiting or	US-PGPUB;	14:30
		"short circuit" or "short circuits" or	EPO; JPO;	
İ		"short circuited" or "short circuiting")	DERWENT;	
		same (bus with ground with (resistance or	IBM TDB	1
İ	i	resistances) with (plot or plots or	1511_155	
	1			:
		plotting or plotted or plotting or graph		i l
		or graphs or graphing or graphed or	1	
		graphs))		
-	10	(short-circuit or short-circuits or	USPAT;	2003/02/23
		short-circuited or short-circuiting or	US-PGPUB;	14:32
		"short circuit" or "short circuits" or	EPO; JPO;	
i		"short circuited" or "short circuiting")	DERWENT;	!
İ		same (bus with ground with (resistance or	IBM TDB	į
i	ļ	resistances))	_	
_	14370	((short-circuit or short-circuits or	USPAT;	2003/02/23
	-10.0	short-circuited or short-circuiting or	US-PGPUB;	114:34
	ļ	"short circuit" or "short circuits" or	· ·	11.31
	1		EPO; JPO;	
		"short circuited" or "short circuiting")	DERWENT;	
İ		with (detect or detects or detecting or	IBM_TDB	
		detected or detection or detections))		
; -	969		USPAT;	2003/02/23
į	1	short-circuited or short-circuiting or	US-PGPUB;	14:36
	i	"short circuit" or "short circuits" or	EPO; JPO;	
1	į.	"short circuited" or "short circuiting")	DERWENT;	
]		with (detect or detects or detecting or	IBM TDB	
1		detected or detection or detections))	<u> </u>	
		with (resistance or resistances or		
		resitivity)		į i
_	0	(((short-circuit or short-circuits or	USPAT;	2003/02/23
		short-circuited or short-circuiting or	US-PGPUB;	14:36
į				14:36
1	1	"short circuit" or "short circuits" or	EPO; JPO;	1
	i	"short circuited" or "short circuiting")	DERWENT;	
	!	with (detect or detects or detecting or	IBM_TDB	
		detected or detection or detections))		
		with (resistance or resistances or		!
		resitivity)) same "power bus"		
! -	12	(((short-circuit or short-circuits or	USPAT;	2003/02/23
i		short-circuited or short-circuiting or	US-PGPUB;	14:37
		"short circuit" or "short circuits" or	EPO; JPO;	į '
'	!	"short circuited" or "short circuiting")	DERWENT;	
1		with (detect or detects or detecting or	IBM TDB	
		detected or detection or detections))		1
		with (resistance or resistances or]
	!	resitivity)) same bus	!	
_	10	(((short-circuit or short-circuits or	USPAT;	2003/02/23
		short-circuited or short-circuiting or		1
!]	"short circuit" or "short circuits" or	US-PGPUB;	14:45
			EPO; JPO;	ļ .
İ	Į į	"short circuited" or "short circuiting")	DERWENT;	
!		with (detect or detects or detecting or	IBM_TDB	
!		detected or detection or detections))		
		with (resistance or resistances or		i i
		resitivity)) same ("circuit board" or		
	ļ	"circuit boards" or pcb)		į
-	2	("5844330").PN.	USPAT;	2003/02/23
	!		US-PGPUB;	16:06
			EPO; JPO;	!
i			DERWENT;	
	:		IBM TDB	
i -	2 :	("6140825").PN.	USPAT;	2003/02/23
		· · · - · · · · · · · · · · · · · · · ·	US-PGPUB;	14:46
1			EPO; JPO;	1.3.40
1				ļ
	:		DERWENT;	
1_	2	/"5 /10 790") DM	IBM_TDB	1 2002 (02 (22
1 -	2	("5,419,780").PN.	USPAT;	2003/02/23
			US-PGPUB;	15:03
	i '		EPO; JPO;	i l
	Į į		DERWENT;	1
L	<u> </u>		IBM_TDB	1

-	2	("6140825").PN.	USPAT;	2003/02/23
			US-PGPUB;	16:08
	ĺ		EPO; JPO;	
			DERWENT;	!
İ	1		IBM_TDB	
-	2	("4739258").PN.	USPAT;	2003/02/23
			US-PGPUB;	16:38
			EPO; JPO;	
			DERWENT;	
!			! IBM_TDB	
-	2	("4739258").PN.	USPAT;	2003/02/23
			US-PGPUB;	16:53
		İ	EPO; JPO;	i
			DERWENT;	
		/#5.410700#\ pv	IBM_TDB	1 2002 (02 (22
_	2	("5419780").PN.	USPAT;	2003/02/23
			US-PGPUB;	17:10
ļ			EPO; JPO;	
i			DERWENT;	
i	_	/"6226004"\ DM	IBM_TDB	2003/02/23
1 -	2	("6226994").PN.	USPAT;	17:16
			EPO; JPO;	17.10
		I '	DERWENT;	
] :	I	IBM TDB	į
1 _	1	("re 32625").PN.	USPAT;	2003/02/23
:	1	1 20 0200 /	US-PGPUB;	17:16
i	i		EPO; JPO;	11.10
	ļ		DERWENT;	
	i		IBM TDB	
_	2	("5419780").PN.	USPAT;	2003/02/24
	_ !	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	08:23
	1	· :	EPO; JPO;	
			DERWENT;	į
			IBM_TDB	
· _	155570	(resistance) with (temperature)	USPAT;	2003/09/15
	i		US-PGPUB;	08:42
			EPO; JPO;	:
	!		DERWENT;	
	1		IBM_TDB	ì
-	14471		USPAT;	2003/09/15
		short-circuited or short-circuiting or	US-PGPUB;	08:43
1	ļ ;	"short circuit" or "short circuits" or	EPO; JPO;	•
!		"short circuited" or "short circuiting")	DERWENT;	
ĺ		and (open-circuit or open-circuits or	IBM_TDB	İ
	[open-circuited or open-circuiting or		
	1	"open circuit" or "open circuits" or "open circuited" or "open circuiting"))	į	į
	į	open circuited of open circuiting"))		
_	976	((short-circuit or short-circuits or	USPAT;	2003/09/15
]	short-circuited or short-circuiting or	US-PGPUB;	08:45
	1	"short circuit" or "short circuits" or	EPO; JPO;	
i		"short circuited" or "short circuiting")	DERWENT;	į
		and (open-circuit or open-circuits or	IBM TDB	
}]	open-circuited or open-circuiting or		
	!	"open circuit" or "open circuits" or		
		"open_circuited" or "open_circuiting"))	,	
	! :	and ((resistance) with (temperature))	<u> </u>	·
	į l		:	
_	53	((short-circuit or short-circuits or	USPAT;	2003/09/15
-	į	short-circuited or short-circuiting or	US-PGPUB;	09:51
1	1	"short circuit" or "short circuits" or	EPO; JPO;	:
		"short circuited" or "short circuiting")	DERWENT;	
1		and (open-circuit or open-circuits or	IBM_TDB	:
		open-circuited or open-circuiting or	1	
]	"open circuit" or "open circuits" or		!
	!	"open circuited" or "open circuiting"))		!
	į į	and ((resistance) with (temperature or	i	
		degree or degrees) with (plot or plots or		
ļ		plotted or plotting or graph or graphs or		
L	l	graphed or graphing or table or tables))	L	L

			·	
	13993	"shape memory alloy" or "shape memory alloys"	USPAT; US-PGPUB;	2003/09/15
	İ	arroys	EPO; JPO;	00:35
			DERWENT;	
	1	!	IBM TDB	
-	0	("shape memory alloy" or "shape memory	USPAT;	2003/09/15
1		alloys") with "multi-chip package"	US-PGPUB;	08:59
1			EPO; JPO;	1
	1		DERWENT;	
	İ		IBM_TDB	!
-	0	[,	USPAT;	2003/09/15
1		alloys") same "multi-chip package"	US-PGPUB;	08:59
i			EPO; JPO;	I
		į	DERWENT;	į
			IBM_TDB	
-	3		USPAT;	2003/09/15
		alloys") and "multi-chip package"	US-PGPUB;	08:59
į.		!	EPO; JPO;	\
			DERWENT;	
	45	'	IBM_TDB	2002/02/15
-	45	("shape memory alloy" or "shape memory alloys") same ("integrated circuit" or	USPAT;	2003/09/15
1		"integrated circuits")	US-PGPUB; EPO; JPO;	09:00
	İ	integrated crittaris /	DERWENT;	
!	!		IBM TDB	
! -	283	: ((resistance) with (temperature or degree	USPAT;	2003/09/15
		or degrees) with (plot or plots or	US-PGPUB;	10:53
		plotted or plotting or graph or graphs or	EPO; JPO;	= 3.33
		graphed or graphing or table or tables))	DERWENT;	
	i	same (epoxy or resin or resins)	IBM TDB	
-	312	((resistance) with (temperature or degree	USPAT;	2003/09/15
	1	or degrees) with (plot or plots or	US-PGPUB;	09:06
i		plotted or plotting or graph or graphs or	EPO; JPO;	!
!		graphed or graphing or table or tables))	DERWENT;	
		same (epoxy or resin or resins or solder	IBM_TDB	!
į		or solders)		
-	0	((resistance) with (temperature or degree	USPAT;	2003/09/15
	:	or degrees) with (plot or plots or	US-PGPUB;	09:08
 	İ .	plotted or plotting or graph or graphs or graphed or graphing or table or tables))	EPO; JPO;	l i
1	1	same (epoxy or resin or resins or solder	DERWENT;	!
		or solders) same ((short-circuit or	IBM_TDB	
		short-circuits or short-circuited or		
		short-circuiting or "short circuit" or		1
		"short circuits" or "short circuited" or		
		"short circuiting") and (open-circuit or		
!		open-circuits or open-circuited or	ļ	
		open-circuiting or "open circuit" or	İ	
I		"open circuits" or "open circuited" or	!	
	į i	"open circuiting"))		
-	110	solder-reflow	USPAT;	2003/09/15
			US-PGPUB;	09:08
			EPO; JPO;	
	1		DERWENT;	
!	5,470	solder-reflow or "solder reflow" or	IBM_TDB	2002/00/15
] . 34/8	solder-reflow or solder reflow or solder-re-flow or	USPAT;	2003/09/15
	'	"solder re-flow" or solder/re-flow	US-PGPUB; EPO; JPO;	03:11
]	Solder to from or solder/re-from	DERWENT;	
	<u>'</u>		IBM TDB	
_	198	(solder-reflow or "solder reflow" or	USPAT;	2003/09/15
l		solder/reflow or solder-re-flow or	US-PGPUB;	09:52
i		"solder re-flow" or solder/re-flow) with	EPO; JPO;	
:		(test or testing or tested or tester or	DERWENT;	
	1	testers or tests)	IBM TDB	
-	173	cole.in. and epoxy	USPAT;	2003/09/15
1	!		US-PGPUB;	09:18
	į		EPO; JPO;	<u> </u>
ļ	:		DERWENT;	1
L	L		IBM_TDB	Li

				2002 (00 /15
-	97	sandia.asn. and epoxy	USPAT;	2003/09/15
	•		US-PGPUB;	09:20
	1		EPO; JPO;	
]	İ	DERWENT;	. <u>.</u>
		;	IBM_TDB	
\ -	11	sandia.asn. and cole.in.	USPAT;	2003/09/15
			US-PGPUB;	09:20
1			EPO; JPO;	
1	1		DERWENT;	
	1		IBM TDB	
_	4	("5422498" "5430305" "5708371"	USPAT	2003/09/15
!	1	"5844416").PN.	OSERE	09:24
1	22	544410).FN. 5422498.URPN.	USPAT	2003/09/15
_		5422490.URPN.	USPAI	· ·
	'	(#4074051# #5040050# #5040011#) py	l rranam	09:25
-	j 3	("4874251" "5042952" "5049811").PN.	USPAT	2003/09/15
	:			09:25
_	1	"4698587".PN.	USPAT	2003/09/15
1				09:33
j -	3	((solder-reflow or "solder reflow" or	USPAT;	2003/09/15
i		solder/reflow or solder-re-flow or	US-PGPUB;	10:01
	!	"solder re-flow" or solder/re-flow) with	EPO; JPO;	
ĺ	į	(test or testing or tested or tester or	DERWENT;	
	:	testers or tests)).ti.	IBM TDB	1
! _	2	(solder-reflow or "solder reflow" or	USPAT;	2003/09/15
1		solder/reflow or solder-re-flow or	US-PGPUB;	10:01
İ ì		"solder re-flow" or solder/re-flow) with	EPO; JPO;	10.01
			DERWENT;	!
	!	(test or testing or tested or tester or		i i
į	:	testers or tests) and ((short-circuit or	IBM_TDB	!
	l	short-circuits or short-circuited or	İ	
	l ;	short-circuiting or "short circuit" or	I	
	ļ	"short circuits" or "short circuited" or	i	1
i		"short circuiting") and (open-circuit or		i
		open-circuits or open-circuited or		
		open-circuiting or "open circuit" or		1
	1	"open circuits" or "open circuited" or		
	j	"open circuiting"))		
_	283	((solder-reflow or "solder reflow" or	USPAT;	2003/09/15
		solder/reflow or solder-re-flow or	US-PGPUB;	10:01
!		"solder re-flow" or solder/re-flow)).ti.	EPO; JPO;	
	į į	552452 26 22500 52 252462,25 22500,,,,,,,	DERWENT;	
!	İ		IBM TDB	
l _	1	(solder-reflow or "solder reflow" or	USPAT;	2003/09/15
_		•	•	
i	į l	solder/reflow or solder-re-flow or	US-PGPUB;	10:50
1	:	"solder re-flow" or solder/re-flow).ti.	EPO; JPO;	·
		and ((short-circuit or short-circuits or	DERWENT;	
1]	short-circuited or short-circuiting or	IBM_TDB	
		"short circuit" or "short circuits" or		1
I		"short circuited" or "short circuiting")		
1		and (open-circuit or open-circuits or		
1	i	open-circuited or open-circuiting or		
	l l	"open circuit" or "open circuits" or		į
}	!	"open circuited" or "open circuiting"))		1
_	0	((short-circuit or short-circuits or	USPAT;	2003/09/15
}		short-circuited or short-circuiting or	US-PGPUB;	10:51
i	}	"short circuit" or "short circuits" or	EPO; JPO;	1 - 3 - 3 - 3
ļ.		"short circuited" or "short circuiting")	DERWENT;	
İ				
		and (open-circuit or open-circuits or	IBM_TTB	
ļ		open-circuited or open-circuiting or		1
		"open circuit" or "open circuits" or	!	
-) 	"open circuited" or "open circuiting"))		ı i
i		with "change in resistance"		
! -	173	"wiring defects"	USPAT;	2003/09/15
i	ļ ļ		US-PGPUB;	10:52
			EPO; JPO;	į i
				1
	'		DERWENT:	;
	' 		DERWENT; IBM TDB	ļ

-	0	"wiring defects" and ((resistance or	USPAT;	2003/09/15
		resistence or resistivity or	US-PGPUB;	10:53
		resistivities) with (temperature or	EPO; JPO;	
		degree or degrees) with (plot or plots or	DERWENT;	:
		plotted or plotting or graph or graphs or	! IBM_TDB	
 		graphed or graphing or table or tables))	IICDAM •	1 2002 (00 (15
. — I	5522	((resistance or resistence or resistivity	USPAT;	2003/09/15
ļ	!	or resistivities) with (temperature or	US-PGPUB;	10:54
İ		degree or degrees) with (plot or plots or	EPO; JPO;	
		plotted or plotting or graph or graphs or graphed or graphing or table or tables))	DERWENT; IBM TDB	
l _	0	((resistance or resistence or resistivity	USPAT;	2003/09/15
_	1	or resistivities) with (temperature or	US-PGPUB;	10:54
		degree or degrees) with (plot or plots or	EPO; JPO;	10.34
	!	plotted or plotting or graph or graphs or	DERWENT;	
		graphed or graphing or table or tables))	IBM TDB	
İ	!	same ((short-circuit or short-circuits or	1511_155	
	1	short-circuited or short-circuiting or		1
		"short circuit" or "short circuits" or		
İ		"short circuited" or "short circuiting")	I]
		and (open-circuit or open-circuits or	ĺ	
 -		open-circuited or open-circuiting or	(
	!	"open circuit" or "open circuits" or	İ	
		"open circuited" or "open circuiting"))		
-	40	((resistance or resistence or resistivity	USPAT;	2003/09/15
	}	or resistivities) with (temperature or	US-PGPUB;	11:00
i		degree or degrees) with (plot or plots or	EPO; JPO;	i
		plotted or plotting or graph or graphs or	DERWENT;	
•	1	graphed or graphing or table or tables))	IBM_TDB	
İ		same (((short-circuit or short-circuits		
	i	or short-circuited or short-circuiting	I	İ
		or "short circuit" or "short circuits" or		ļ
		"short circuited" or "short circuiting")	ı	i i
!		and (open-circuit or open-circuits or		
İ		open-circuited or open-circuiting or		1
		"open circuit" or "open circuits" or "open circuited" or "open circuiting"))	!	
	İ	or ((short or shorted or open or opened)	į	
	I	with (circuit or circuits or circuited or		!
		circuited)))	į	1
ı –	151	"reflow test" or "reflow tests" or	USPAT;	2003/09/15
		"reflow testing" or "reflow tested" or	US-PGPUB;	11:08
		"re-flow test" or "re-flow tests" or	EPO; JPO;	<u> </u>
:		"re-flow testing" or "re-flow tested"	DERWENT;	
i	<u> </u>	-	IBM TDB	1
_	480	"temperature cycle test"	USPAT;	2003/09/15
i	i !		US-PGPUB;	11:09
			EPO; JPO;	
]			DERWENT;	[
	_	 	IBM_TDB	
_	1	"temperature cycle test".ti.	USPAT;	2003/09/15
			US-PGPUB;	11:10
	į		EPO; JPO;	
	Į.		DERWENT;	1
<u>_</u>	568	"tomporature quale test"	IBM_TDB	2003/00/15
-	368	"temperature cycle test" or	USPAT;	2003/09/15
	ľ	"temperature-cycle test" or "temperature cycle tested" or "temperature-cycle	US-PGPUB; EPO; JPO;	12:23
		tested or temperature-cycle testing or	DERWENT;	;
		"temperature-cycle testing or	IBM TDB	i
!	!	"temperature cycle tests" or	101-100	;
ı		"temperature-cycle tests"		1
_	2	("4,695,404").PN.	USPAT;	2003/09/15
i	i -	. , , ,	US-PGPUB;	11:11
,	[EPO; JPO;	1
			DERWENT;	
			IBM TDB	!

	20	("temperature cycle test" or	USPAT;	2003/09/15
i		"temperature-cycle test" or "temperature	US-PGPUB;	11:13
	i	cycle tested" or "temperature-cycle	EPO; JPO;	!
		tested" or "temperature cycle testing" or	DERWENT;	į
ı		"temperature-cycle testing" or	IBM TDB	!
			IBM_IDB	i :
		"temperature cycle tests" or		
		"temperature-cycle tests") and	į	. :
	1	((resistance or resistence or resistivity]	
	ļ	or resistivities) with (temperature or	[
	I	degree or degrees) with (plot or plots or		
		plotted or plotting or graph or graphs or	}	!
		graphed or graphing or table or tables))	1	
_	3	("temperature cycle test" or	USPAT;	2003/09/15
		"temperature-cycle test" or "temperature	US-PGPUB;	11:22
		cycle tested" or "temperature-cycle	EPO; JPO;	ì
i I		tested" or "temperature cycle testing" or	DERWENT;	
	i I	"temperature-cycle testing" or	IBM TDB	
		"temperature cycle tests" or		ļ
l	1	"temperature-cycle tests") and	1	
		(((short-circuit or short-circuits or	1	
	!	short-circuited or short-circuiting or	·	•
		"short circuit" or "short circuits" or	1	į l
	i	"short circuited" or "short circuiting")	:	
		and (open-circuit or open-circuits or		l i
		open-circuited or open-circuiting or	}	1
		"open circuit" or "open circuits" or		
		<pre>"open circuited" or "open circuiting"))</pre>		i
	İ	or (((short or shorted) and (open or	ı	
	1	opened)) with (circuit or circuits or		<u>'</u>
	İ	circuited or circuited)))	!	
-	125	("temperature cycle test" or	USPAT;	2003/09/15
		"temperature-cycle test" or "temperature	US-PGPUB;	11:23
		cycle tested" or "temperature-cycle	EPO; JPO;	
		tested" or "temperature cycle testing" or	DERWENT;	
	i.	"temperature-cycle testing" or	IBM_TDB	
		"temperature cycle tests" or	l	ļ
	İ	"temperature-cycle tests") and	[; ;
		(((short-circuit or short-circuits or		
	1	short-circuited or short-circuiting or		
•		short circuit" or "short circuits" or)
		"short circuited" or "short circuiting")	1	
	!	and (open-circuit or open-circuits or		ļ
		open-circuited or open-circuiting or	l	
	1	"open circuit" or "open circuits" or		
		"open circuited" or "open circuiting"))	i	
		or ((short or shorted or open or opened)	[
	1	with (circuit or circuits or circuited or	1	
		circuited)))	1	
_	5500	"temperature cycling"	USPAT;	2003/09/15
	3300	comportated of ording	US-PGPUB;	11:47
			EPO; JPO;	
			DERWENT;	į
			!	
		"tampanatura analuine"	IBM_TDB	2002/00/15
-	1	"temperature cyclying"	USPAT;	2003/09/15
			US-PGPUB;	11:46
			EPO; JPO;	
			DERWENT;	
	1	•	IBM_TDB	!

		·		
-	2	"temperature cycling" and ((resistance or	USPAT;	2003/09/15
		resistence or resistivity or	US-PGPUB;	11:49
}	l	resistivities) with (temperature or	EPO; JPO;	1
	i	degree or degrees) with (plot or plots or	DERWENT;	
	I	plotted or plotting or graph or graphs or		!
	İ	graphed or graphing or table or tables))	1211_122	i !
i		same (((short-circuit or short-circuits	İ	i i
ļ				į '
		or short-circuited or short-circuiting	ļ	}
	ļ	or "short circuit" or "short circuits" or	I	1
		"short circuited" or "short circuiting")	!	
		and (open-circuit or open-circuits or	1	ļ
Ì	I	open-circuited or open-circuiting or		
		"open circuit" or "open circuits" or		1
		"open circuited" or "open circuiting"))		,
i	1	or ((short or shorted or open or opened)		
			!	1
		with (circuit or circuits or circuited or		
}	1	circuited)))		
-	67	"temperature cycling" and ((resistance or	USPAT;	2003/09/15
1		resistence or resistivity or	US-PGPUB;	12:11
		resistivities) with (temperature or	EPO; JPO;	i l
		degree or degrees) with (plot or plots or	DERWENT;	1
	I	plotted or plotting or graph or graphs or		}
	İ	graphed or graphing or table or tables))		1
: -		espec.asn. and "solder connections"	USPAT;	2003/09/15
		especiasii. and solder connections		12:11
1	ļ	i I	US-PGPUB;	12:11
			EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
-	. 0	espec.asn. and solder	USPAT;	2003/09/15
1	1	!	US-PGPUB;	12:22
i	[!	 	EPO; JPO;	1
1	İ		DERWENT;	<u> </u>
	ŀ	İ	IBM TDB	
1_	2	("5920504").PN.	USPAT;	2003/09/15
_	. 4	(U)20304).EN.		
	!		US-PGPUB;	12:23
!		· I	EPO; JPO;	
			DERWENT;	
1			IBM_TDB	į l
-	2	("5902504").PN.	USPAT;	2003/09/15
			US-PGPUB;	12:23
	<u>.</u>		EPO; JPO;	
	j l		DERWENT;	ļ
	: !	I	IBM TDB	i i
ì -	🤈 i	("temperature cycle test" or	USPAT;	2003/09/15
	" !	"temperature-cycle test" or "temperature		12:26
	Į Į		· · · · · · · · · · · · · · · · · · ·	12.20
		cycle tested" or "temperature-cycle	EPO; JPO;	
1		tested" or "temperature cycle testing" or	DERWENT;	i l
	į	"temperature-cycle testing" or	IBM_TDB	
	ļ l	"temperature cycle tests" or	!	
!		"temperature-cycle tests") with	I	!
į l		(continuous or continuously)		(
] -) o i	("temperature cycle test" or	USPAT;	2003/09/15
		"temperature-cycle test" or "temperature	US-PGPUB;	13:37
	[cycle tested" or "temperature-cycle	EPO; JPO;	
1)	tested" or "temperature cycle testing" or	DERWENT;	j l
	; 	"temperature-cycle testing" or		,
	!		IBM_TDB	
1	į i	"temperature cycle tests" or	*	1
i		"temperature-cycle tests") and espec.asn.		i
; 	815	espec.asn.	USPAT;	2003/09/15
			US-PGPUB;	13:18
			EPO; JPO;	i l
}			DERWENT;	
ļ	ļ		IBM TDB	}
, i	51487	ishii.in.	USPAT;	2003/09/15
	• • • • • • • • • • • • • • • • • • •		US-PGPUB;	13:18
į	į			13.10
			EPO; JPO;	
			DERWENT;	
L	<u>L</u>		IBM_TDB	

		,		
[-	403	ishii.in. and solder	USPAT;	2003/09/15
		· 	US-PGPUB;	13:18
1	į ·		EPO; JPO;	į
			DERWENT;	ļ '
i			IBM_TDB	1 2002 (00 (15
_	j 7	("temperature cycle test" or	USPAT;	2003/09/15
	:	"temperature-cycle test" or "temperature	US-PGPUB;	14:42
		cycle tested" or "temperature-cycle tested" or "temperature cycle testing" or	EPO; JPO;	
ļ		tested of temperature cycle testing of "temperature-cycle testing" or	DERWENT; IBM TDB	
ı		"temperature-cycle testing of "temperature cycle tests" or	1BM_1DB	
1	1	"temperature-cycle tests") with		!
	İ	(short-circuit or short-circuits or	I	<u>'</u>
		short-circuited or short-circuiting or	[
1		"short circuit" or "short circuits" or	į	1
)	"short circuited" or "short circuiting")		
: -	162	702/99.ccls.	USPAT;	2003/09/15
			US-PGPUB;	14:50
	,		EPO; JPO;	
		i	DERWENT;	!
I	545	702/117.ccls.	IBM_TDB USPAT;	2003/09/15
i ⁻	545	702/11/.CC15.	US-PGPUB;	14:50
}	,		EPO; JPO;	11100
1	T.		DERWENT;	
1	1		IBM_TDB	
j -	144	702/118.ccls.	USPAT;	2003/09/15
!			US-PGPUB;	14:50
	:		EPO; JPO;	:
1	ì		DERWENT;	!
	140	702/110	IBM_TDB	2002/00/25
ļ -	140	702/119.ccls.	USPAT; US-PGPUB;	2003/09/15
l			EPO; JPO;	11.30
:]		DERWENT;	!
	;		IBM TDB	į
-	127	702/120.ccls.	USPAT;	2003/09/15
1	1		US-PGPUB;	14:50
i	[.		EPO; JPO;	
l i	1		DERWENT;	[
_	536	702/130.ccls.	IBM_TDB USPAT;	2003/09/15
	330	102/130.0013.	US-PGPUB;	14:50
	ı		EPO; JPO;	
1		!	DERWENT;	
!			IBM_TDB	i
-	61	702/133.ccls.	USPAT;	2003/09/15
	i		US-PGPUB;	14:50
	!		EPO; JPO;	
	\		DERWENT;	!
<u> </u>	67	702/134.ccls.	USPAT;	2003/09/15
) "	, 201.0020.	US-PGPUB;	14:50
İ			EPO; JPO;	
	į i		DERWENT;	
	i		IBM_TDB	
-	39	702/135.ccls.	USPAT;	2003/09/15
1	(US-PGPUB;	14:50
!			EPO; JPO; DERWENT;	<u> </u>
}	!		IBM TDB	
1 -	250	702/136.ccls.	USPAT;	2003/09/15
1	i		US-PGPUB;	14:50
1	[i		EPO; JPO;	
\			DERWENT;	
į			IBM_TDB	
] -	152	324/703.ccls.	USPAT;	2003/09/15
1	!		US-PGPUB;	14:50
	1		EPO; JPO; DERWENT;	
!			IBM TDB	
l	L		I TOUT TOO	•

_	529	324/760.ccls.	USPAT;	2003/09/15
l			US-PGPUB;	14:50
İ	1	<u> </u>	EPO; JPO;	1
1			DERWENT;	!
	1 225	(300 /00 3 300 /113 3 300 /110 3	IBM_TDB	10000400415
-	235	(702/99.ccls. 702/117.ccls. 702/118.ccls.	USPAT;	2003/09/15
	:	702/119.ccls. 702/120.ccls. 702/130.ccls.	US-PGPUB;	14:56
		702/133.ccls. 702/134.ccls. 702/135.ccls.	EPO; JPO;	
:		702/136.ccls. 324/703.ccls.	DERWENT;	
	,	324/760.ccls.) and @pd>=20030201	IBM_TDB	2002/00/15
1	2	("5,419,780").PN.	USPAT;	12003/09/15
	į		US-PGPUB;	15:11
	!	 -	EPO; JPO;	
!		l	DERWENT;	
j	713	(Peltier-junction or peltier) and	IBM_TDB USPAT;	2003/09/15
, -	/13	(heatsink or heat-sink or "heat sink" or	US-PGPUB;	15:12
Ì		heatsinks or heat-sinks or "heat sinks")		13.12
		and (fan or fans)	EPO; JPO; DERWENT;	
	1	and (ran or rans)	IBM TDB	!
1_	274	! (Peltier-junction or peltier) same	USPAT;	2003/09/15
ļ	2,4	(heatsink or heat-sink or "heat sink" or	US-PGPUB;	15:12
i		heatsinks or heat-sinks or "heat sinks")	EPO; JPO;	1 10.12
:		same (fan or fans)	DERWENT;	
1		Counce (Latt of Latto)	IBM TDB	
_	1 6	Peltier-junction or peltier) same	USPAT;	2003/09/15
		(heatsink or heat-sink or "heat sink" or	US-PGPUB;	15:14
		heatsinks or heat-sinks or "heat sinks")	EPO; JPO;	13.11
1	1	same (fan or fans) same (program or	DERWENT;	į
		programs or programmed or programming)	IBM TDB	
_	274	(Peltier-junction or peltier) same	USPAT;	2003/09/15
		(heatsink or heat-sink or "heat sink" or	US-PGPUB;	15:15
	i	heatsinks or heat-sinks or "heat sinks")	EPO; JPO;	
!		same (fan or fans)	DERWENT;	1
ļ			IBM TDB	i
1 -	58	((Peltier-junction or peltier) same	USPAT;	2003/09/15
		(heatsink or heat-sink or "heat sink" or	US-PGPUB;	15:36
		heatsinks or heat-sinks or "heat sinks")	EPO; JPO;	
	i	same (fan or fans)) and (pcb or	DERWENT;	
!		circuit-board or circuit-boards or	IBM_TDB)
İ	_ i	"circuit board" or "circuit boards")	i !	
i -	2	("5,457,342").PN.	USPAT;	2003/09/15
}	i		US-PGPUB;	15:29
i			EPO; JPO;	1
	!		DERWENT;	(
1_		/#/ COE ((01#) DX	IBM_TDB	2002/00/15
; -	Z :	("4,685,081").PN.	USPAT;	2003/09/15
1	Į		US-PGPUB;	15:29
İ			EPO; JPO;	1
	!		DERWENT; IBM TDB	į l
_	27	(((Peltier-junction or peltier) same	USPAT;	2003/09/15
	-	(heatsink or heat-sink or "heat sink" or	US-PGPUB;	15:57
1	i	heatsinks or heat-sinks or "heat sinks")	EPO; JPO;	10.07
	1	same (fan or fans)) and (pcb or	DERWENT;	!
1		circuit-board or circuit-boards or	IBM TDB	į
1.		"circuit board" or "circuit boards")) and	<u>-</u> -	į.
1	i	(program or programs or programmed or		
	T i	programming or programmable)		j
! -	1	("5107325").PN.	USPAT;	2003/09/15
ļ	1		US-PGPUB;	15:57
:			EPO; JPO;	
	ļ		DERWENT;	\
			IBM_TDB	;
1	l l	#20 -l	USPAT;	2003/09/15
-	28375	"20 degrees" or "20 degree" or	· ·	
-	28375	"20.degree." or "68 degrees" or "68	US-PGPUB;	17:38
_	28375 		US-PGPUB; EPO; JPO;	
-	28375 	"20.degree." or "68 degrees" or "68	US-PGPUB;	

-	97 (US-4956605-\$ or US-4706010-\$ or	USPAT;	2003/09/15
İ	US-4251336-\$ or US-4576322-\$ or	US-PGPUB;	17:39
	US-6215323-\$ or US-4380725-\$ or	EPO; JPO;	1
	US-6469497-\$ or US-6438821-\$ or	DERWENT;	j
	US-6437634-\$ or US-6362721-\$ or	IBM TDB	
!	US-6300862-\$ or US-6288597-\$ or		
!	US-6278313-\$ or US-6229329-\$ or		
	US-6104274-\$ or US-5852445-\$ or		
	US-5801612-\$ or US-4739258-\$ or		
	US-4734641-\$ or US-6215324-\$ or		
	US-6203191-\$ or US-5302022-\$ or		-
!	US-5130644-\$ or US-6238086-\$ or	1	1
1	US-3982218-\$ or US-5696450-\$).did. or		
!	(US-5182629-\$ or US-5543727-\$ or		
1	US-5172063-\$ or US-4792683-\$ or	į	
	US-6422741-\$ or US-6360935-\$ or		
	US-5733041-\$ or US-5006788-\$ or		
	US-5392219-\$ or US-6140825-\$ or		ļ
	US-5760595-\$ or US-5698987-\$ or	}	i
	US-5260668-\$ or US-RE32625-\$ or	!	
I	US-4483629-\$ or US-6329831-\$ or	İ	
	US-6260998-\$ or US-6163161-\$ or	!	
	US-5451885-\$ or US-5657394-\$ or	I	
	· · · · · · · · · · · · · · · · · · ·		
	'US-4647220-\$ or US-5339018-\$ or US-5516028-\$ or US-5844330-\$ or		1
	US-4938410-\$ or US-6217987-\$ or		
ļ	US-6323663-\$).did. or (US-6233944-\$ or US-6226994-\$ or US-6196002-\$ or		
	US-5956569-\$ or US-5486681-\$ or	i	
İ	US-5419780-\$ or US-5432460-\$ or		
i	US-6348807-\$ or US-6574958-\$ or		
	US-6535824-\$ or US-6518815-\$ or		
	US-6486637-\$ or US-6343259-\$ or		
	US-5049811-\$ or US-6549022-\$ or		:
i	US-6078183-\$ or US-6407560-\$ or		
ļ	US-5647529-\$ or US-6361879-\$ or US-5286676-\$ or US-6449838-\$ or		
t	US-6448111-\$ or US-6437428-\$ or	i	
	US-6327407-\$ or US-6265782-\$ or		
	US-6097100-\$ or US-5107325-\$).did. or		
	(US-6181556-\$ or US-5924289-\$ or		
ŀ	US-5720921-\$).did. or (US-20020005293-\$		
ļ	, ,		!
	or US-20010022404-\$ or	İ	
ļ	US-20010033475-\$).did. or (EP-408863-\$ or		:
	EP-283778-\$).did. or (JP-01286322-\$ or	!	
İ	JP-04104072-\$ or JP-04144248-\$ or	I	
}	JP-04180411-\$ or JP-06347500-\$ or	ļ	
1	JP-03255966-\$ or JP-01046638-\$).did. or	I	
	(JP-06281693-\$).did. or		
	(NN81092167).tban.	I	1

	·	((US-4956605-\$ or US-4706010-\$ or	USPAT;	2003/09/15
-	2	US-4251336-\$ or US-4576322-\$ or	US-PGPUB;	17:39
		US-6215323-\$ or US-4370322 \$ or	EPO; JPO;	17.33
		US-6469497-\$ or US-6438821-\$ or	DERWENT;	
		US-6437634-\$ or US-6362721-\$ or	IBM TDB	
	!	US-6300862-\$ or US-6288597-\$ or	12.1_123	
		US-6278313-\$ or US-6229329-\$ or		!
ļ		US-6104274-\$ or US-5852445-\$ or		
:		US-5801612-\$ or US-4739258-\$ or		:
		US-4734641-\$ or US-6215324-\$ or		
:		US-6203191-\$ or US-5302022-\$ or		
		US-5130644-\$ or US-6238086-\$ or		'
ļ		US-3982218-\$ or US-5696450-\$).did. or	!	i
		(US-5182629-\$ or US-5543727-\$ or		
		US-5172063-\$ or US-4792683-\$ or		
		US-6422741-\$ or US-6360935-\$ or		i
		US-5733041-\$ or US-5006788-\$ or		
		US-5392219-\$ or US-6140825-\$ or	i	-
!		US-5760595-\$ or US-5698987-\$ or		
	,	US-5260668-\$ or US-RE32625-\$ or	i	
		US-4483629-\$ or US-6329831-\$ or		1
!		US-6260998-\$ or US-6163161-\$ or	: 	
:	:	US-5451885-\$ or US-5657394-\$ or	<u>.</u>	
		US-4647220-\$ or US-5339018-\$ or	İ	
	:	US-5516028-\$ or US-5844330-\$ or		
		US-4938410-\$ or US-6217987-\$ or		
	.	US-6323663-\$).did. or (US-6233944-\$ or		
		US-6226994-\$ or US-6196002-\$ or		ļ
'		US-5956569-\$ or US-5486681-\$ or		!
:		US-5419780-\$ or US-5432460-\$ or		
·		US-6348807-\$ or US-6574958-\$ or		
		US-6535824-\$ or US-6518815-\$ or		
<u>!</u>		US-6486637-\$ or US-6343259-\$ or		
:		US-5049811-\$ or US-6549022-\$ or		•
		US-6078183-\$ or US-6407560-\$ or		
		US-5647529-\$ or US-6361879-\$ or		
i		US-5286676-\$ or US-6449838-\$ or		
!		US-6448111-\$ or US-6437428-\$ or		
į		US-6327407-\$ or US-6265782-\$ or		
!		US-6097100-\$ or US-5107325-\$).did. or		
_!		(US-6181556-\$ or US-5924289-\$ or	!	
		US-5720921-\$).did. or (US-20020005293-\$: !	
1		or US-20010022404-\$ or		
		US-20010033475-\$).did. or (EP-408863-\$ or		
:		EP-283778-\$).did. or (JP-01286322-\$ or		
;		JP-04104072-\$ or JP-04144248-\$ or	1	
		JP-04180411-\$ or JP-06347500-\$ or		1
j		JP-03255966-\$ or JP-01046638-\$).did. or	!	
		(JP-06281693-\$).did. or		
	!	(NN81092167).tban.) and ("20 degrees" or		
		"20 degree" or "20.degree." or "68	1	
	_	degrees" or "68 degree" or "68.degree.")	IICDAM -	2002/00/16
-	2	("5924289").PN.	USPAT;	2003/09/16
			US-PGPUB;	09:31
			EPO; JPO;	
			DERWENT;	
! 	:	(#5410700#) py	IBM_TDB	2002/00/16
-	2	("5419780").PN.	USPAT;	2003/09/16
			US-PGPUB;	10:08
			EPO; JPO;	1
			DERWENT;	1
		(#5004000#) PM	IBM_TDB	: 2002 (00 (1 (
_	2	("5924289").PN.	USPAT;	2003/09/16
:			US-PGPUB;	10.00
i			EPO; JPO;	
			DERWENT;	
L	I	<u> </u>	IBM_TDB	<u> </u>

f	2202	/tomponative on translation of the state of	TICDAM	2004/01/07
_	3383	(temperature or temperatures) with (plot	USPAT;	2004/01/07
	Į.	or plots or plotting or plotted or graph	US-PGPUB;	16:41
		or graphs or graphing or graphed) with	EPO; JPO;	
ļ		(resistance or resistances or resistivity	t in the second of the second	<u>'</u>
i		or conductance or conductances or conductivity)	IBM_TDB	,
_	40		USPAT;	2004/01/07
	10	or plots or plotting or plotted or graph	US-PGPUB;	16:42
	I	or graphs or graphing or graphed) with	EPO; JPO;	10.42
	:	(resistance or resistances or resistivity	DERWENT;	
	!	or conductance or conductances or	IBM TDB	į
		conductivity)) and peltier		·
_	1	((temperature or temperatures) with (plot	USPAT;	2004/01/07
		or plots or plotting or plotted or graph	US-PGPUB;	16:47
		or graphs or graphing or graphed) with	EPO; JPO;	
		(resistance or resistances or resistivity	DERWENT;	
:		or conductance or conductances or	IBM_TDB	
		conductivity)) and peltier and (heatsink		
I	1	or heatsinks or heat-sink or heat-sinks	!	
		or "heat sink" or "heat sinks") and (fan		!
1		or fans)		
1 -	0	((temperature or temperatures) with (plot	USPAT;	2004/01/07
1		or plots or plotting or plotted or graph	US-PGPUB;	16:47
		or graphs or graphing or graphed) with (resistance or resistances or	EPO; JPO;	
	'	resistivity)) and peltier and (heatsink	DERWENT;	
	ļ	or heatsinks or heat-sink or heat-sinks	IBM_TDB	
	1	or "heat sink" or "heat sinks") and (fan		:
	!	or fans)		i
-	25 .	((temperature or temperatures) with (plot	USPAT;	2004/01/07
	į	or plots or plotting or plotted or graph	US-PGPUB;	16:47
		or graphs or graphing or graphed) with	EPO; JPO;	
:	:	(resistance or resistances or	DERWENT;	
1		resistivity)) and peltier	IBM_TDB	
_	13	((temperature or temperatures) with (plot	USPAT;	2004/01/07
		or plots or plotting or plotted or graph	· ·	17:11
	i	or graphs or graphing or graphed) with	EPO; JPO;	
i		<pre>(resistance or resistances or resistivity)) and peltier and (heatsink</pre>	DERWENT;	
	!	or heatsinks or heat-sink or heat-sinks	IBM_TDB	
!	į į	or "heat sink" or "heat sinks")		į
<u> </u>	16	((temperature or temperatures) with (plot	USPAT;	2004/01/07
	!	or plots or plotting or plotted or graph	US-PGPUB;	16:48
	i	or graphs or graphing or graphed) with	EPO; JPO;	
:		(resistance or resistances or	DERWENT;	
		resistivity)) and (heatsink or heatsinks	IBM_TDB	
		or heat-sink or heat-sinks or "heat sink"	_	
i	i _ [or "heat sinks") and (fan or fans)	i	
-	0	((temperature or temperatures) with (plot	USPAT;	2004/01/07
			US-PGPUB;	17:11
		or graphs or graphing or graphed) with (resistance or resistances or	EPO; JPO;	
		resistance or resistances or resistivity) with (bus or busses)) and	DERWENT;	
		peltier and (heatsink or heatsinks or	IBM_TDB	
		heat-sink or heat-sinks or "heat sink" or		
	j	"heat sinks")		
. –	o	((temperature or temperatures) with (plot	USPAT;	2004/01/07
; l	;	or plots or plotting or plotted or graph	US-PGPUB;	17:11
		or graphs or graphing or graphed) with	EPO; JPO;	
!	İ	(resistance or resistances or	DERWENT;	
<u> </u>		resistivity) with (bus or busses)) and	IBM_TDB	
		peltier	;	
-	0	((temperature or temperatures) with (plot	USPAT;	2004/01/07
		or plots or plotting or plotted or graph	US-PGPUB;	17:11
		or graphs or graphing or graphed) with	EPO; JPO;	
		(resistance or resistances or	DERWENT;	
L	<u> </u>	resistivity) with (bus or busses))	IBM TDB	;

99 ((temperature or temperatures) with (plot USPAT; 2004/0 or plots or plotting or plotted or graph US-PGPUB; 17:11 or graphs or graphing or graphed) with EPO; JPO; (resistance or resistances or DERWENT; resistivity)) and (bus or busses) IBM_TDB 0 ((temperature or temperatures) with (plot USPAT; 2004/0 or plots or plotting or plotted or graph US-PGPUB; 17:12	
or graphs or graphing or graphed) with EPO; JPO; (resistance or resistances or DERWENT; resistivity)) and (bus or busses) IBM_TDB 0 ((temperature or temperatures) with (plot USPAT; 2004/0	1/07
(resistance or resistances or DERWENT; resistivity)) and (bus or busses) IBM_TDB 0 ((temperature or temperatures) with (plot USPAT; 2004/0	1/07
resistivity)) and (bus or busses) IBM_TDB	1/07
0 ((temperature or temperatures) with (plot USPAT; 2004/0	1/07
	1/07
or plots or plotting or plotted or graph US-PGPUB; 17:12	
	Į
or graphs or graphing or graphed) with EPO; JPO;	İ
(resistance or resistances or DERWENT;	İ
resistivity)) and (bus or busses) and IBM TDB	ļ
peltier	İ
- 18 ((temperature or temperatures) with (plot USPAT; 2004/0	1/07
or plots or plotting or plotted or graph US-PGPUB; 17:12	1,0,
or graphs or graphing or graphed) with EPO; JPO;	
(resistance or resistances or DERWENT;	
resistivity)) and (bus or busses) and IBM TDB	}
	ļ
(heatsink or heatsinks or heat-sink or	İ
heat-sinks or "heat sink" or "heat	1
sinks")	1 400
- 0 (((temperature or temperatures) with USPAT; 2004/0	1/0/
(plot or plots or plotting or plotted or US-PGPUB; 17:12	l
graph or graphs or graphing or graphed) EPO; JPO;	
with (resistance or resistances or DERWENT;	-
resistivity)) same (bus or busses)) and IBM_TDB	İ
(heatsink or heatsinks or heat-sink or	
heat-sinks or "heat sink" or "heat	
sinks")	

L,	Hits	Search Text	· DB	Time stamp
Number				;
10	77	702/121.ccls.	USPAT;	2004/01/09
1			US-PGPUB;	11:19
1			EPO; JPO;	i
1			DERWENT;	į i
1			IBM TDB	į l